

**Abstract**

Ready-to-use aqueous coolant compositions having alkylene glycols, glycerol and/or 1,3-propanediol and a) from 0.05 to 10% by weight, based on the total amount of the composition, of one or more polyethylene glycols and/or polypropylene glycols and b) from 0.01 to 10% by weight, based on the total amount of the composition, of one or more carboxamides and/or sulfonamides are useful for inhibiting corrosion in the case of magnesium and magnesium alloys.